

BORING NO. 10MW-4

COORDINATES N 2082519.4
E 5774195.3

FIELD ENGINEER B. Sibbett DATE BEGAN 1-8-98
 C. Delson
 EDITED BY B. Sibbett DATE FINISHED 1-9-98
 CHECKED BY B. Sibbett GROUND SURFACE EL. 250.23'

DESCRIPTION Top of Casing 249.8'

DEPTH IN FEET	LABORATORY TEST DATA					WELL SUMMARY/ BACKFILL	PENETRATION RESISTING (BLOWS/6 INCHES) -SAMPLE-	USCS	PROFILE	DESCRIPTION
	PID READING (ppm)	PERMEABILITY (cm/s)	TCE IN SOIL (ppm)	TOLUENE (ppm)	XYLENE (ppm)					
0										Black, 8" of Asphalt Pavement.
0 - 3.0'								gw		Loose, dark yellowish brown (10YR 4/4) sandy GRAVEL, road fill.
3.0' - 13.0'								sp		Loose, very dark grayish brown (10YR 3/2) SAND, fine with few granules, asphalt coated.
13.0' - 21.0'								sp		Loose, dark brown (7.5YR 4/4) SAND, fine grained, well sorted, road fill.
21.0' - 27.72'								sp		Very loose, dark yellowish brown (10YR 4/8) SAND, moist; fine grained, very well sorted.
27.72' - 35.0'								sc		Very loose, dark yellowish brown (10YR 4/4) SAND, fine grained.
35.0' - 45.0'	ND							sc		Very soft, black (10YR 2/1) clayey SAND, fine grained. 27.72 feet to water on 2/1/98. Very dark gray (10YR 3/1) clayey SAND, wet, fine grained, mottled coloring with dark brown splotched, few live rootlets.
45.0' - 45.25'	ND	3.8						cl		Black, CLAY, organic with wood on top of bed.
45.25' - 52.0'	ND							sp		Loose, very dark gray (5Y 3/1) SAND, wet, very well sorted, fine grained, minor clay, dark brown, wood chips. H2S swamp smell. Few pebbles of diatomite.
52.0' - 54.0'	ND							sc		Loose, dark gray (10YR 4/1) SAND, wet, fine grained, well sorted, but few pebbles of diatomite.
54.0' - 64.0'	ND							sp		Very dark gray (10YR 3/1) clayey SAND, interbedded with SAND, fine grain.
64.0' - 65.0'	ND							sp		Dark gray (10YR 4/1) SAND, wet, fine, well sorted. Water tagged during drilling at 35'. Loose, dark gray (10YR 4/1) SAND, fine, minor clay.
65.0' - 70.0'	ND									Few chips of bedrock to 1" size. Light brownish gray (2.5Y 6/2) DIATOMITE with 1mm light gray laminae dip 5° fractured, color darkens to olive gray (5Y 4/2) at 65'. Top of bedrock appears to slope about 50°, fault contact. TOTAL DEPTH 65 FEET

PROJECT NO. 771230
 CLIENT: Vandenberg Air Force Base

SEE LEGEND FOR LOGS AND TEST PITS
 FOR EXPLANATION OF SYMBOLS AND TERMS



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